

INFORMATION SHEET

FLOW TESTS

Initial Flow Request

- All hydrants used to calculate the required water flow shall be within 750 feet of the structure being protected as measured along the approved fire apparatus access road.

NFPA 1: 18.3.6 [CLV Ordinance #5667]

EXCEPTION: When the required water flow is not available for adequate fire protection, an approved automatic sprinkler system may be installed throughout the building(s).

NFPA 1: Annex H [CLV Ordinance #5667]

- The contractor or requesting party shall ensure that all hydrant valves, sectional control valves and the DCDA are fully operational prior to the commencement of the test.
- The contractor or requesting party shall accept full responsibility for any water or other damage that may occur as a result of the fire flow analysis. The contractor or requesting party will be responsible for opening hydrants and other physical work as is deemed necessary by the field inspector.
- The Fire Prevention Division will furnish all necessary flow equipment as well as plot the water flow curve after the flow test is completed.
- A Work Order will be issued to witness a flow test. The fee shall be paid to the City of Las Vegas.

Subsequent Flow Requests

- Any additional flow tests will be the responsibility of the contractor or requesting party. The civil engineering company may be contacted to assist in this effort.
- A report of the water flow analysis shall be made available to the fire inspector upon request. This flow chart shall show the gpm available at 20 psi.
- If there is a water flow deficiency, the Fire Prevention Division may/may not conduct additional spot flow tests after confirmation that all problems have been resolved.
- If the water flow problem cannot be resolved, a meeting is to take place between the Construction Supervisor, the Fire Marshal and the Fire Protection Engineer to determine what alternatives are available.

LAS VEGAS FIRE & RESCUE

Fire Prevention Division

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